

**VERSION DESCRIPTION DOCUMENT FOR THE NASA SUPPLY  
MANAGEMENT SYSTEM (NSMS)**

Release 8.0.0

PrISMS Contract

July 2003



National Aeronautics and

**George C. Marshall Space Flight Center**  
Huntsville, AL 35812

**VERSION DESCRIPTION DOCUMENT  
FOR THE  
NASA SUPPLY MANAGEMENT SYSTEM (NSMS)  
RELEASE**

Approved by

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NATIONAL AERONAUTICS AND SPACE ADMINISTRATION  
GEORGE C. MARSHALL SPACE FLIGHT CENTER  
HUNTSVILLE, ALABAMA

July 2003

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## **1 INTRODUCTION**

### **1.1 Identification of the Release**

This software release is identified as the National Aeronautics and Space Administration (NASA) Supply Management System (NSMS), Version Description Document (VDD), Release 8.0.0.

The release has an effective date of July 3, 2003. Support of the previous release expires on the implementation date of release 8.0.0.

### **1.2 Purpose of the Release**

This release includes system modifications as specified in Sections 2.0 and 3.0 of this document.

### **1.3 Scope of the Release**

This release provides the functional and technical user of NSMS with changes to the contents and status of the application NSMS, Version 8.0.0, including the following:

- Validation procedures to ensure the reliability of those changes.
- References to other documents affected by this release.
- Detail software installation procedures.

### **1.4 Contact Points**

Questions regarding the functional and/or technical aspects for NSMS, as well as the installation of this release, should be directed to:

Scott Neely at telephone number (256)544-1049 or  
by e-mail [Scott.Neely@msfc.nasa.gov](mailto:Scott.Neely@msfc.nasa.gov)  
The fax number is (256)544-1836.

Pam Leak at telephone number (256)544-1388 or  
by e-mail [Pam.Leak@msfc.nasa.gov](mailto:Pam.Leak@msfc.nasa.gov)  
The fax number is (256)544-1836.

## **2 FUNCTIONAL INFORMATION**

### **2.1 FUNCTIONAL CHANGES**

This release incorporates Requirement Changes (RC) approved by the Configuration Control Board (CCB).

This release includes the necessary modules to incorporate RC 1008 approved by the CCB. One discrepancy (DR 1026) is included in this release.

#### **1. ENHANCEMENT – (Centralization of NSMS software) 1620# - 1008**

Currently, the NSMS system is in a distributed environment at all centers. There is duplication of software and storage requirements. Duplication of personnel resource requirements exists.

**ACTION** – Consolidate the NSMS system into a single database that will be used by all centers. The consolidated NSMS should accommodate varying levels of user access to data (data for a specific center, all data for the Agency, and Agency level access to specific data). All reports, adhoc, and input screens will be designed to report data based on the requestor's access privileges.

#### **2. PROBLEM - (Type Account Description Table) 1620# - 1026**

When attempting to delete an entry from the table, an error is being returned. The error is also being returned when reaching the end of the file.

**ACTION** – Correct process to successfully delete the record and when reaching the end of the file the process should start over at the beginning.

## **2.2 FUNCTIONAL INTERFACES**

This section is not applicable for this release.

## **2.3 CRITICAL ISSUES**

This section is not applicable for this release.

## **2.4 AFFECTED DOCUMENTS**

The only document affected by this release is the NSMS-UOG-10, NSMS User and Operations Guide (UOG) dated July 2002.

## **2.5 APPLICATION SYSTEM ADMINISTRATION**

There are no application system administration changes associated with this release.

### **3 TECHNICAL INFORMATION**

This section includes details regarding technical system interfaces, data dictionary changes, software object changes, and database administration activities.

#### **3.1 TECHNICAL SYSTEM INTERFACES**

There are no technical system interface issues with this release.

#### **3.2 DATA DICTIONARY CHANGES**

Refer to Appendix D, Section 4.0, for the data dictionary changes in this release.

#### **3.3 SOFTWARE OBJECT CHANGES**

Modules affected by this release are included in Appendix D, Section 2.2.

#### **3.4 DATABASE ADMINISTRATION**

This section describes the database administration activities for installation of this release.

##### **3.4.1 Release Dataset Names**

Refer to Appendix D, Introduction section, for the release dataset names.

##### **3.4.2 Inventory of Objects**

Refer to Appendix D, Paragraph 2.1, for an inventory of Natural object types.

##### **3.4.3 Storage Considerations**

The changes represented by this release should not affect storage requirements.

##### **3.4.4 Installation Procedures**

Refer to Appendix D, Installation Instructions for NSMS Software Release 8.0.0 for detailed software installation procedures.

### **3.5 OPERATIONAL PREPARATION**

Refer to the procedure described in Appendix D for assistance in preparing for proper installation and operational use of the release.

#### **4 KNOWN AND OPEN PROBLEMS**

There are no known or open problems related to this release.

## APPENDIX A

### LIST OF ACRONYMS

ADP	Automated Data Processing
CCB	Configuration Control Board
CCR	Change Control Request
DR	Discrepancy Report
IFMP	Integrated Financial Management Program
JCL	Job Control Language
NACC	NASA Automated Data Processing (ADP) Consolidation Center
NASA	National Aeronautics and Space Administration
NSMS	NASA Supply Management System
NSN	National Stock Number
RC	Requirements Change
UOG	User and Operations Guide
VDD	Version Description Document

## **APPENDIX B**

### **GLOSSARY**

This document has no terms to be defined.

## APPENDIX C

### FUNCTIONAL CHANGE VALIDATION PROCEDURES

#### 1. ENHANCEMENT – (Centralization of NSMS software) 1620# - 1008

Currently, the NSMS system is in a distributed environment at all centers. There is duplication of software and storage requirements. Duplication of personnel resource requirements exists.

**ACTION** - Consolidate the NSMS system into a single database that will be used by all centers. The consolidated NSMS should accommodate varying levels of user access to data (data for a specific center, all data for the Agency, and Agency level access to specific data). All reports, adhoc, and input screens will be designed to report data based on the requestor's access privileges. Test NSMS for consistency between NSMS Release 7.1.0 and Release 8.0.0.

#### VALIDATION -

##### Testing Recommendation

User testing should be planned to verify the new software has not adversely affected essential processes.

It is suggested that users select, in advance, a series of online and/or batch processes to be executed before and after the data is "consolidated." The recommended steps are as shown below.

1. Plan and schedule the reports and/or maintenance jobs to be used in testing and validating the test results.
2. Execute the usual and necessary production transactions.
3. Request a backup of your Installation's production data. This should be done prior to the nightly batch cycle is processed.
4. Provide the necessary dataset name (DSN) of your backup to the SESAAS Application Team and/or SESAAS DBA.
5. Run the regular nightly batch cycle as planned.
6. Load your Installation's backup into the consolidated test environment (NAPROD). The SESAAS Application Team and/or SESAAS DBA will perform this task on request.
7. Execute release conversion programs against the data in the consolidated test environment. The SESAAS Application Team and/or SESAAS DBA will perform this task on request.

8. Re-run the regular nightly batch cycle in the consolidated test environment.
9. Compare test results from the production batch cycle with those from the consolidated test environment.
10. Execute any other desired tests to verify the system performs correctly.

## 2. PROBLEM - (Type Account Description Table) 1620# - 1026

When attempting to delete an entry from the table, an error is being returned. The error is also being returned when reaching the end of the file. Error Number: 3052 at line 670.

**ACTION** – Correct process to successfully delete the record and when reaching the end of the file the process should start over at the beginning.

### VALIDATION

- Using the Type-Account Description Table Maintenance (TADESTBL) process, press <enter> as many times as necessary to view the highest numbered Type-Account code in the table. Note the message: “013 - End of data“. Press <enter> again. Note the message: “014 - Make changes or press enter to continue” and that the table display has restarted at the beginning of the table.
- Using the Type Acct/Object Class Table Maintenance (FSGTATBL) process, determine two Type-Account Codes that are not in the Type Acct/Object Class Table. The first new Type-Account Code will be known as **New-Type-Account Code1**. The second new Type-Account Code will be known as **New-Type-Account Code2**.
- Using the Type-Account Description Table Maintenance (TADESTBL) process, add **New-Type-Account Code1** and a corresponding description to the Type-Account Description Table. Process to completion. Note the message: “026 - Updates have been applied”.
- Using the Type-Account Description Table Maintenance (TADESTBL) process, change **New-Type-Account Code1** to **New-Type-Account Code2** and modify its corresponding description. Process to completion. Note the message: “026 - Updates have been applied”.

- Using the Type-Account Description Table Maintenance (TADESTBL) process, delete **New-Type-Account Code2** by deleting its Type-Account Code. Press <enter>. Process to completion. Note the message: "026 - Updates have been applied".

## APPENDIX D

### INSTALLATION INSTRUCTIONS AND CHECKLIST

#### Introduction

Release information:

System Name: NSMS  
Release Number: 8.0.0  
Release Date: July 3, 2003  
Effective Date: Immediately

In case of installation problems, contact the NASA Automated Data Processing (ADP) Consolidation Center (NACC) Technical Services Center (Use following Key Words: SESAAS & NSMS)

Telephone: (256) 544-6673  
Email: pam.leak@msfc.nasa.gov  
FAX: (256) 544-1836

The following datasets are located on the transient storage DASD volumes under the following data sets names:

MSMOV.NSMS.PROD.R800.R0703.SRC  
xxMOV.NSMS.PROD.R800.R0703.PRD

Where "xx" is replaced by the appropriate NASA Center designation.

AR – ARC  
DF - DFRC  
J5 – JSC  
LA – LaRC  
LE – GRC (Glenn)  
MS - MSFC  
SS - SSC

#### Installation Sequence

The sequence in which the installation of this release should occur is provided in the following list. A checklist is provided in Section 10.0 to assist in tracking the installation of this release.

- 1.0 Backup Existing Data
- 2.0 Copy Source
- 3.0 Pre-Predict Data Conversion
- 4.0 Install Predict
- 5.0 Catalog Source Code
- 6.0 Post-Predict Data Conversion
- 7.0 Load Natural Error Messages
- 8.0 Perform Release-Specific Procedures
- 9.0 Local JCL Mods
- 10.0 Installation Checklist

## 1. Backup Existing Data

It is advisable to back up all NSMS files and NATURAL software libraries as a precautionary measure prior to installation.

## 2. Copy Source

### 2.1 Load Source Code

Load the NSMS source modifications from the dataset MSMOV.NSMS.PROD.R800.R0703.SRC. The source programs were unloaded using the Natural utility NATUNLD. Using NATLOAD, the programs will be loaded to the application library named NSMS, replacing any existing programs of the same name.

It is recommended that you temporarily load the source modifications to an empty library named NSMS. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications. Then using SYSMAN, MOVE the released source code from the library NSMS to either the test or production libraries. The NSMS library should now be empty, ensuring all released software is now in the test or production library.

If your test or production library is named NSMS, you can load the released source code directly into these libraries, if you choose. Verify the modules loaded (output from the batch NATLOAD job) against the VDD list of source code modifications.

When installing this release into production, repeat the above procedures. It is not recommended to copy released modules from test to production. Some modules may be missed or object code may accidentally be copied along with source code. Except in the case of Command Processors (not applicable to most SESAAS applications) **cataloged object code should never be copied from**

**one library to another.** This can cause GDA timestamp errors, or worse, can cause production code to update and corrupt test data, or vice versa. Load only source code and then catalog it to generate the proper version of the cataloged Object code.

The source module counts included in this release are listed below:

<b>Natural Source Modules by Type</b>	
GLOBAL DATA AREA	1
LOCAL/PARAM DATA AREA	253
MAPS	67
HELP ROUTINES	0
SUBROUTINES	98
SUBPROGRAMS	9
PROGRAMS	128
COPYCODE	1
TEXT	0
PROCESS	0
MISCELLANEOUS OBJECTS	0
<b>Total:</b>	<b>557</b>

## 2.2 List of Source Code Modifications

The following are the modules added, modified and deleted.

### Added Modules

<b>MODULE ID</b>	<b>MODULE NAME</b>	<b>TYPE</b>	<b>CCR#</b>
ARSPARCR	Site unique Restore	SUBP	1008
ARSPARCV	Site unique Archive	SUB	1008
ARSRPOET	Site unique POST ET	SUB	1008
ARSRPRET	Site unique PRE ET	SUB	1008
DRSPARCR	Site unique Restore	SUBP	1008
DRSPARCV	Site unique Archive	SUB	1008
DRSRPOET	Site unique POST ET	SUB	1008
DRSRPRET	Site unique PRE ET	SUB	1008
GRSPARCR	Site unique Restore	SUBP	1008
GRSPARCV	Site unique Archive	SUB	1008
GRSRPOET	Site unique POST ET	SUB	1008
GRSRPRET	Site unique PRE ET	SUB	1008
J5SPARCR	Site unique Restore	SUBP	1008
J5SPARCV	Site unique Archive	SUB	1008
J5SRPOET	Site unique POST ET	SUB	1008
J5SRPRET	Site unique PRE ET	SUB	1008
LASPARCR	Site unique Restore	SUBP	1008

LASPARCV	Site unique Archive	SUB	1008
LASRPOET	Site unique POST ET	SUB	1008
LASRPRET	Site unique PRE ET	SUB	1008
MSSPARCR	Site unique Restore	SUBP	1008
MSSPARCV	Site unique Archive	SUB	1008
MSSRPOET	Site unique POST ET	SUB	1008
MSSRPRET	Site unique PRE ET	SUB	1008
NSPUJCLD	Unload JCL	PGM	1008
NSPUJCLU	Reload JCL	PGM	1008
SCSPARCR	Site unique Restore	SUBP	1008
SCSPARCV	Site unique Archive	SUB	1008
SCSRPOET	Site unique POST ET	SUB	1008
SCSRPRET	Site unique PRE ET	SUB	1008

### Changed Modules

<b>MODULE ID</b>	<b>MODULE NAME</b>	<b>TYPE</b>	<b>CCR#</b>
NFDLPRET	IFM User Exit	LDA	1008
NFMPPRET	Pre-et	MAP	1008
NFSRPRET	IFM User Exit	SUB	1008
NSCNLLDC	Update Catalog Load	PGM	1008
NSCPFERR	Error Handling	CPY	1008
NSDGMAIN	NSMS Global	GLBL	1008
NSDL132D	Semiannual personal property report	LDA	1008
NSDL3110	Generate DUE-INS	LDA	1008
NSDL3200	Manual commercial DUE-INS	LDA	1008
NSDL330C	Order notice review	LDA	1008
NSDL330F	Order notice review	LDA	1008
NSDLAACD	Create, update, and delete assets	LDA	1008
NSDLAADD	Adjust DUE OUT quantity	LDA	1008
NSDLAADJ	Inventory Adjustment	LDA	1008
NSDLACD1	Delete process for asset records	LDA	1008
NSDLACD2	Asset Traceable	LDA	1008
NSDLACD4	Maintain quality codes for asset records	LDA	1008
NSDLACD5	Update application id for asset	LDA	1008
NSDLACS	Stocked/Direct-Buy Conversion	LDA	1008
NSDLADIO	DUE IN/DUE OUT update	LDA	1008
NSDLADJA	Inventory Adjustment	LDA	1008
NSDLADMD	Demand History Update	LDA	1008
NSDLADSN	Add Multiple NSN Records	LDA	1008
NSDLAFHE	Freeze/Unfreeze Assets	LDA	1008
NSDLAJST	DUE-IN/DUE-OUT adjustment records	LDA	1008
NSDLAMS	Maintain Shelf Life	LDA	1008
NSDLARCR	Restore transactions	LDA	1008
NSDLARCV	Archival	LDA	1008
NSDLARDF	Release DUE OUTS for traceable asset	LDA	1008
NSDLARDO	Release DUE-OUT	LDA	1008
NSDLASOC	Asset stock conversion	LDA	1008
NSDLAT02	Display Trace Data	LDA	1008
NSDLAT51	Display Trace Data	LDA	1008
NSDLAT53	Display Trace Data	LDA	1008
NSDLATRN	Transfer Assets	LDA	1008

NSDLATRV	Asset Traceable reversals	LDA	1008
NSDLAXCA	Excess Assets (Transfer to Disposal)	LDA	1008
NSDLBIN2	Trace Data	LDA	1008
NSDLBIN3	Trace Data	LDA	1008
NSDLBIN5	Trace Data	LDA	1008
NSDLBIN6	Reversal of Bin Quantity	LDA	1008
NSDLBINB	Issue or adjust reserve	LDA	1008
NSDLBINC	Trace Data - consolidation	LDA	1008
NSDLBJO1	Batch Job Detail Maintenance	LDA	1008
NSDLBJO2	Batch Task Selection	LDA	1008
NSDLBJO3	Batch Job	LDA	1008
NSDLBJO4	Output (SYSOUT) Type/Option	LDA	1008
NSDLBJO5	Batch Job Jobcard Parameter Overrides	LDA	1008
NSDLBJO6	Batch Job Detail Maintenance	LDA	1008
NSDLBJO7	Batch Job Maintenance	LDA	1008
NSDLBJOB	Batch Job Table Maintenance	LDA	1008
NSDLBNCA	Traceable to Non-Traceable	LDA	1008
NSDLBSC2	Batch Job Scheduler	LDA	1008
NSDLBSCH	Batch Job Scheduler	LDA	1008
NSDLBSTA	Batch Job Statuser	LDA	1008
NSDLBSU3	Batch Job Submitter	LDA	1008
NSDLBTS1	Batch Task Detail Maintenance	LDA	1008
NSDLBTSK	Batch Task Detail Maintenance	LDA	1008
NSDLCADC	Maintain catalog detail record	LDA	1008
NSDLCAHI	Catalog history inquiry	LDA	1008
NSDLCAS2	Catalog Scan	LDA	1008
NSDLCAS3	Catalog Scan	LDA	1008
NSDLCAS4	Search catalog records by LOT BATCH	LDA	1008
NSDLCASC	Catalog Scan	LDA	1008
NSDLCBN2	Display Trace Data	LDA	1008
NSDLCBN5	Convert Trace code	LDA	1008
NSDLCCTR	Sequence number re-sequence	LDA	1008
NSDLCDEL	Delete catalog detail record	LDA	1008
NSDLCDIC	Commercial order demand items	LDA	1008
NSDLCDID	Delete Commercial order demand items	LDA	1008
NSDLCIAK	AKA Inquiry	LDA	1008
NSDLCIN1	Index number maintenance	LDA	1008
NSDLCINH	Column Header Maintenance	LDA	1008
NSDLCINR	Index number re-sequence	LDA	1008
NSDLCINS	Catalog index inquiry	LDA	1008
NSDLCIPN	Part number inquiry	LDA	1008
NSDLCISL	Catalog index inquiry	LDA	1008
NSDLCITN	Generic name inquiry	LDA	1008
NSDLCMDI	Commercial order demand items	LDA	1008
NSDLCMTD	Maintain multiple technical descriptions	LDA	1008
NSDLCNSN	Change NSN	LDA	1008
NSDLCONA	Consolidate Assets	LDA	1008
NSDLCONC	Consolidate Catalog	LDA	1008
NSDLCONT	Consolidate Assets	LDA	1008
NSDLCONU	Consolidate Assets	LDA	1008
NSDLCTRC	Change trace code	LDA	1008
NSDLDDAS	Delete discontinued assets	LDA	1008

NSDLDDCT	Delete discontinued catalog items	LDA	1008
NSDLDDTR	Delinquent Document Tracking Reports	LDA	1008
NSDLDIOQ	Adjust Due-In Open Quantity	LDA	1008
NSDLDIS1	IFMP- Create DIDFA txs	LDA	1008
NSDLDIS2	IFMP- Create DODRA txs	LDA	1008
NSDLDIS3	IFMP- Release DIDFS / DODRS	LDA	1008
NSDLDISU	IFMP- Release suspended	LDA	1008
NSDLDLS2	DLSC Update-Exception Report	LDA	1008
NSDLDLSC	DLSC Update-Exception Report	LDA	1008
NSDLMDMA	Demand history adjustment	LDA	1008
NSDLDNMS	Document number generate	LDA	1008
NSDLDNUM	Document number generate	LDA	1008
NSDLDRVR	Command & menu driver	LDA	1008
NSDLDTRK	Display tracking data	LDA	1008
NSDLEXCT	DLSC part number exception report	LDA	1008
NSDLEXT2	Create Excess Disposal Transactions	LDA	1008
NSDLFINT	FEDMIL Requisitions and Excesses	LDA	1008
NSDLFMDI	Fed/Mil order demand items	LDA	1008
NSDLFMIC	IFMP	LDA	1008
NSDLFMRI	Fed/Mil return stock items	LDA	1008
NSDLFMSI	Fed/Mil order stock items	LDA	1008
NSDLFSUA	FedMil requisition status update	LDA	1008
NSDLICAJ	Inventory Counts Asset Adjustment	LDA	1008
NSDLICBC	Build inventory control record	LDA	1008
NSDLICBL	Build Inventory Lot	LDA	1008
NSDLICFZ	Generate freeze transaction	LDA	1008
NSDLICLS	Bin Location Summary Report	LDA	1008
NSDLICT1	Process traceable counts	LDA	1008
NSDLICT2	Process traceable counts	LDA	1008
NSDLICT5	Process Traceable adjustments	LDA	1008
NSDLICTB	Generate Traceable	LDA	1008
NSDLICWC	Process Warehouse Counts	LDA	1008
NSDLICWR	Warehouse Data Collection Report	LDA	1008
NSDLIFIS	NSMS Issue SUB	LDA	1008
NSDLINDX	Move index to a new index	LDA	1008
NSDLINI1	System initialization (Batch)	LDA	1008
NSDLINIT	System initialization (Online)	LDA	1008
NSDLINPC	Transaction Adjustment	LDA	1008
NSDLINQU	Asset Inquiry	LDA	1008
NSDLINVA	Scan Inventory Records	LDA	1008
NSDLISAJ	Issue adjustments	LDA	1008
NSDLISBL	Blanket Receipt/Issues	LDA	1008
NSDLISDO	Create manual DUE OUT	LDA	1008
NSDLISHC	Hazardous chemical issue	LDA	1008
NSDLISIS	Interchangeables and Substitutables	LDA	1008
NSDLISP2	Suspended PRE POST Issues	LDA	1008
NSDLISPP	POST POST	LDA	1008
NSDLISPR	Suspended PRE POST Issues	LDA	1008
NSDLISR1	Issue or adjust reserve	LDA	1008
NSDLISRQ	Stores an ISPR OR ISPRS transaction	LDA	1008
NSDLISRS	Issue Reserve Process	LDA	1008
NSDLISSE	PRE POST Issue	LDA	1008

NSDLISST	Suspend Trans	LDA	1008
NSDLISTR	Off-site transfers	LDA	1008
NSDLISTS	Display Trace Data	LDA	1008
NSDLISUS	Suspense Release Process	LDA	1008
NSDLLNSN	Asset Key Suspended Transaction	LDA	1008
NSDLMDRT	Maintain Suspended Receipts	LDA	1008
NSDLMLBT	Notice Print Process (BATCH)	LDA	1008
NSDLMLP2	Notice Print Process (BATCH)	LDA	1008
NSDLMOAR	Asset Monthly Analysis Report	LDA	1008
NSDLMSPN	Asset Key Suspended Transaction	LDA	1008
NSDLORGT	Organization/project transfer	LDA	1008
NSDLORTR	ORG/PRJ Traceable transfer	LDA	1008
NSDLPNCV	Part Number to NSN Conversion	LDA	1008
NSDLPROC	Procurement from External Interface	LDA	1008
NSDLPROD	Procurement from External Interface	LDA	1008
NSDLPRTN	Display Active Assets for a Part Number	LDA	1008
NSDLRAD1	Transaction Adjustment	LDA	1008
NSDLRAD3	Transaction Adjustment	LDA	1008
NSDLRADJ	Transaction adjustment	LDA	1008
NSDLRADS	Transaction adjustments	LDA	1008
NSDLRAND	Excess Assets (Transfer to Disposal)	LDA	1008
NSDLRBAL	Update Beginning Year Balances	LDA	1008
NSDLRBRC	Year End Balance - Recovery	LDA	1008
NSDLRCON	Reverse Consolidation Transaction	LDA	1008
NSDLRCPT	RECEIVE SUPPLY ITEMS	LDA	1008
NSDLRCWP	WASH-POST	LDA	1008
NSDLRDIS	Suspend Discrepant Receipts	LDA	1008
NSDLRDMD	Demand History Reversal	LDA	1008
NSDLREQC	Requisition Catalog Scan	LDA	1008
NSDLREQI	Requisition Inquiry	LDA	1008
NSDLREQR	Requisition Request	LDA	1008
NSDLREVS	Transaction Reversals	LDA	1008
NSDLRIPP	Reverse POST-POST issue	LDA	1008
NSDLRIPR	Reverse PRE-POST Issue	LDA	1008
NSDLRISB	Reverse blanket issue	LDA	1008
NSDLRISC	Reverse chemical issue	LDA	1008
NSDLRISI	I&S Receipts	LDA	1008
NSDLRIST	Reverse OFF-SITE transfer	LDA	1008
NSDLRRDO	Reverse Due-Out Release Transaction	LDA	1008
NSDLRREV	Reverse Receipt Via Transaction Adj	LDA	1008
NSDLRRIR	Reverse issue reserve release	LDA	1008
NSDLRRWP	Receipt/Issue Reversal Transaction	LDA	1008
NSDLRSHF	Capture Shelf-Life Data	LDA	1008
NSDLRSPS	Add reservation	LDA	1008
NSDLRSVB	Lot/Serial Numbers	LDA	1008
NSDLRSVE	Add Reservation	LDA	1008
NSDLRTRN	Receive turn-ins for credit / no credit	LDA	1008
NSDLRTRV	REVERSE TURN-IN TRANSACTION	LDA	1008
NSDLRXCS	Excess Assets Reversal	LDA	1008
NSDLRXSS	Excess Assets Reversal	LDA	1008
NSDLS161	Completed Inventory Report	LDA	1008
NSDLSCAN	Asset Scan	LDA	1008

NSDLSELA	Part Number to NSN conversion	LDA	1008
NSDLSNSN	Supersede NSN	LDA	1008
NSDLSSMA	Maintain NSN index, sequence numbers	LDA	1008
NSDLSUS1	Maintain Suspended Receipts	LDA	1008
NSDLSUSR	Browse Select Suspended Receipts	LDA	1008
NSDLTADX	Transfer to excess adjustment	LDA	1008
NSDLTAID	NSPTTAID/Application table	LDA	1008
NSDLTAKA	AKA-NAME table maintenance	LDA	1008
NSDLTBAL	Year-end balance table maintenance	LDA	1008
NSDLTBEX	EXEC Cards Maintenance	LDA	1008
NSDLTBJO	Default Job Card Parameters	LDA	1008
NSDLTBMI	Misc JCL Cards Maintenance	LDA	1008
NSDLTBS1	SYSOUT Card Parameters	LDA	1008
NSDLTBSO	SYSOUT Card Parameters	LDA	1008
NSDLTCIC	Controlled item code table	LDA	1008
NSDLTCID	Customer Id table maintenance	LDA	1008
NSDLTCNT	Contractor table maintenance	LDA	1008
NSDLTCOD	Coded instruction table maintenance	LDA	1008
NSDLTCOM	Commercial EOQ table maintenance	LDA	1008
NSDLTENA	Environmental attribute code table	LDA	1008
NSDLTFED	Federal EOQ table maintenance	LDA	1008
NSDLTFLH	Quality criteria code table maintenance	LDA	1008
NSDLTFSG	Type account/object class table	LDA	1008
NSDLTIDE	Time definition for hours of operation	LDA	1008
NSDLTIST	I-AND-S table maintenance	LDA	1008
NSDLTLPT	Logical printer table maintenance	LDA	1008
NSDLTMAC	Accounting Data Table Maintenance	LDA	1008
NSDLTMFG	Manufacturer table maintenance	LDA	1008
NSDLTMGR	Commodity manager table maintenance	LDA	1008
NSDLTMO1	Monitor Transaction	LDA	1008
NSDLTMO3	Monitor Transactions (Destination)	LDA	1008
NSDLTMO4	Associated Record Display	LDA	1008
NSDLTMON	Monitor Transaction	LDA	1008
NSDLTOPT	Order priority table maintenance	LDA	1008
NSDLTPID	Project-id table maintenance	LDA	1008
NSDLTPRM	Site parameters table maintenance	LDA	1008
NSDLTQCT	Quality code table maintenance	LDA	1008
NSDLTRAC	Traceable Data	LDA	1008
NSDLTRKG	Update Tracking data	LDA	1008
NSDLTRKN	Tracking Data	LDA	1008
NSDLTRNS	Transaction builder	LDA	1008
NSDLTSEL	Ample size and error limit table	LDA	1008
NSDLTSHA	Requestor,performing-org,shipping addr	LDA	1008
NSDLTSLC	Shelf life code table maintenance	LDA	1008
NSDLTSRC	Supply source table	LDA	1008
NSDLTSUS	Suspense code table maintenance	LDA	1008
NSDLTTDF	Transaction type description table	LDA	1008
NSDLTTPT	Notify-transaction-type printer table	LDA	1008
NSDLTTRK	Document tracking table maintenance	LDA	1008
NSDLTUPC	Unit pack code table	LDA	1008
NSDLUICV	Change of Unit of Issue	LDA	1008
NSDLUPDT	DLSC Update/No-Action Report	LDA	1008

NSDLUSER	User Id Control Processor	LDA	1008
NSDLWD01	Create Warehouse Denials	LDA	1008
NSDLWD0A	WAREHOUSE DENIAL	LDA	1008
NSDPISRQ	Customer Requisition	PARM	1008
NSMPADJ2	Display Trace Data	MAP	1008
NSMPBIN1	Display Trace Data	MAP	1008
NSMPBIN5	Display Trace Data	MAP	1008
NSMPCAS2	Catalog Scan	MAP	1008
NSMPCAS3	Catalog Scan	MAP	1008
NSMPCASC	Catalog scan	MAP	1008
NSMPCB52	Convert Trace code	MAP	1008
NSMPCBN2	Display Lot/Serial numbers	MAP	1008
NSMPCOM2	Comments Display	MAP	1008
NSMPCOM3	Comments Display	MAP	1008
NSMPCOMD	Comments Display	MAP	1008
NSMPCOMS	Comments Generate	MAP	1008
NSMPCONA	Consolidate Assets	MAP	1008
NSMPDISU	IFMP	MAP	1008
NSMPFSUA	FedMil requisition status update	MAP	1008
NSMPIFME	NAFIS EXIT for Online Funds Check	MAP	1008
NSMPINIT	System initialization (Online)	MAP	1008
NSMPISIS	Interchangeables and Substitutable	MAP	1008
NSMPISRS	Issue Reserve Process	MAP	1008
NSMPISSL	Suspense Release Process	MAP	1008
NSMPISTS	Display Serial or Lot Batch Numbers	MAP	1008
NSMPNOTF	Transaction Builder	MAP	1008
NSMPPOET	POST ET Processing	MAP	1008
NSMPPRET	PRE ET Processing	MAP	1008
NSMPRC01	Receive Supply Items	MAP	1008
NSMPRC02	Receive Supply Items	MAP	1008
NSMPRC03	Receive Supply Items	MAP	1008
NSMPRCOM	Transaction Adjustment	MAP	1008
NSMPRCSC	Receive Supply Items	MAP	1008
NSMPSHLF	Maintain Shelf Life	MAP	1008
NSMPSHLS	Maintain Shelf Life	MAP	1008
NSMPSUM1	User Security Maintenance	MAP	1008
NSMPTAID	Application Table Maintenance	MAP	1008
NSMPTAKA	AKA-NAME Table Maintenance	MAP	1008
NSMPTBAL	Year-End Balance Table Maintenance	MAP	1008
NSMPTCIC	Controlled item code table	MAP	1008
NSMPTCNT	Contractor table maintenance	MAP	1008
NSMPTCOD	Coded instruction table maintenance	MAP	1008
NSMPTCOM	Commercial EOQ table maintenance	MAP	1008
NSMPTENA	Environmental attribute code table	MAP	1008
NSMPTFED	Federal EOQ table maintenance	MAP	1008
NSMPTFSG	Type account/object class table	MAP	1008
NSMPTIST	I-and-S Table Maintenance	MAP	1008
NSMPTLPT	Logical printer table maintenance	MAP	1008
NSMPTMFG	Manufacturer table maintenance	MAP	1008
NSMPTMO3	Monitor Transactions (Destination)	MAP	1008
NSMPTMO4	Associated Record Display	MAP	1008
NSMPTOPT	Order priority table maintenance	MAP	1008

NSMPTPID	Project-id table maintenance	MAP	1008
NSMPTQCT	Quality code table maintenance	MAP	1008
NSMPTRNS	Transaction builder	MAP	1008
NSMPTSEL	Ample size and error limit table	MAP	1008
NSMPTSKU	Task Maintenance	MAP	1008
NSMPTSLC	Shelf life code table maintenance	MAP	1008
NSMPTSRC	Supply source table	MAP	1008
NSMPTSUS	Suspense code table maintenance	MAP	1008
NSMPTTDF	Transaction type description table	MAP	1008
NSMPTTPT	Notify-transaction-type printer table	MAP	1008
NSMPTUPC	Unit pack code table	MAP	1008
NSMPUSC1	User Exit	MAP	1008
NSMPUSEC	User Exit	MAP	1008
NSNSMS	Conversion of Trace Data for multi trxs	PGM	1008
NSPPTOLD	Conversion of JCL sysout table	PGM	1008
NSPRB619	1619 Report	PGM	1008
NSPT3200	Manual commercial DUE-INS	PGM	1008
NSPTAACD	Create, update, and delete assets	PGM	1008
NSPTAADJ	Inventory Adjustment	PGM	1008
NSPTADJA	Inventory Adjustment	PGM	1008
NSPTAFHE	Freeze/Unfreeze Assets	PGM	1008
NSPTAMS	Maintain Shelf Life	PGM	1008
NSPTARDO	Release DUE-OUT	PGM	1008
NSPTASOC	Asset stock conversion	PGM	1008
NSPTATRN	Transfer Assets	PGM	1008
NSPTAXCA	Excess Assets (Transfer to Disposal)	PGM	1008
NSPTCADC	Maintain catalog detail record	PGM	1008
NSPTCCTR	Sequence number resequence	PGM	1008
NSPTCIN1	Index number maintenance	PGM	1008
NSPTCINR	Index number resequence	PGM	1008
NSPTCMDI	Commercial order demand items	PGM	1008
NSPTCNSN	Change NSN	PGM	1008
NSPTCONA	Consolidate Assets	PGM	1008
NSPTCONC	Consolidate Catalog	PGM	1008
NSPTCTRC	Change trace code	PGM	1008
NSPTDFMI	Direct Fed/Mil order	PGM	1008
NSPTDIOQ	Adjust Due-In Open Quantity	PGM	1008
NSPTDMDA	Demand history adjustment	PGM	1008
NSPTINIT	System initialization (Online)	PGM	1008
NSPTISAJ	Issue adjustments for ISPR AND ISDR	PGM	1008
NSPTISBL	Blanket Receipt/Issues	PGM	1008
NSPTISDO	Create manual DUE OUT	PGM	1008
NSPTISHC	Hazardous chemical issue	PGM	1008
NSPTISPP	Post POST ISSUE	PGM	1008
NSPTISPR	Pre POST ISSUE	PGM	1008
NSPTISTR	Off-site transfers	PGM	1008
NSPTMDRT	Maintain Suspended Receipts	PGM	1008
NSPTORGT	Organization/project transfer	PGM	1008
NSPTRADJ	Transaction adjustment	PGM	1008
NSPTRAND	Excess Assets (Transfer to Disposal)	PGM	1008
NSPTRCON	Reverse Consolidation Transaction	PGM	1008
NSPTRCPT	Receive supply items	PGM	1008

NSPTRCWP	WASH-POST	PGM	1008
NSPTRRDO	Reverse Due-Out Release Transaction	PGM	1008
NSPTRRIR	Reverse issue reserve release	PGM	1008
NSPTRSPS	NSPTRSPS/Add reservation	PGM	1008
NSPTRTRN	Receive turn-ins for credit / no credit	PGM	1008
NSPTRXCS	Excess Assets Reversal	PGM	1008
NSPTRXSS	Excess Assets Reversal	PGM	1008
NSPTSNSN	Supersede NSN	PGM	1008
NSPTSSMA	Maintain NSN index, sequence numbers	PGM	1008
NSPTSUM1	User security maintenance	PGM	1008
NSPTSUS1	Maintain Suspended Receipts	PGM	1008
NSPTTADX	Transfer to excess adjustment	PGM	1008
NSPTTAID	NSPTTAID/Application table	PGM	1008
NSPTTAKA	AKA-NAME table maintenance	PGM	1008
NSPTTBAL	Year-end balance table maintenance	PGM	1008
NSPTTBEX	EXEC Cards Maintenance	PGM	1008
NSPTTBJO	Default Job Card Parameters	PGM	1008
NSPTTBMI	Misc JCL Cards Maintenance	PGM	1008
NSPTTCIC	Controlled item code table	PGM	1008
NSPTTCID	Customer Id table maintenance	PGM	1008
NSPTTCNT	Contractor table maintenance	PGM	1008
NSPTTCOD	Coded instruction table maintenance	PGM	1008
NSPTTCOM	Commercial EOQ table maintenance	PGM	1008
NSPTTENA	Environmental attribute code table	PGM	1008
NSPTTFED	Federal EOQ table maintenance	PGM	1008
NSPTTFLH	Quality criteria code table maintenance	PGM	1008
NSPTTFSG	Type account/object class table	PGM	1008
NSPTTIDE	Time definition for hours of operation	PGM	1008
NSPTTIST	I-AND-S table maintenance	PGM	1008
NSPTTLPT	Logical printer table maintenance	PGM	1008
NSPTTMAC	Accounting Data Table Maintenance	PGM	1008
NSPTTMFG	Manufacturer table maintenance	PGM	1008
NSPTTMGR	Commodity manager table maintenance	PGM	1008
NSPTTOPT	Order priority table maintenance	PGM	1008
NSPTTPID	Project-id table maintenance	PGM	1008
NSPTTPRM	Site parameters table maintenance	PGM	1008
NSPTTQCT	Quality code table maintenance	PGM	1008
NSPTTRNS	Transaction builder	PGM	1008
NSPTTSEL	Ample size and error limit table	PGM	1008
NSPTTSHA	Requestor,performing-org,shipping addr	PGM	1008
NSPTTSKU	Task maintenance	PGM	1008
NSPTTSLC	Shelf life code table maintenance	PGM	1008
NSPTTSRC	Supply source table	PGM	1008
NSPTTSUS	Suspense code table maintenance	PGM	1008
NSPTTTDF	Transaction type description table	PGM	1008
NSPTTTPT	Notify-transaction-type printer table	PGM	1008
NSPTTTRK	Document tracking table maintenance	PGM	1008
NSPTTUPC	Unit pack code table	PGM	1008
NSPTUICV	Change of Unit of Issue	PGM	1008
NSPTWD01	Create warehouse denials	PGM	1008
NSPTWD0A	Warehouse denial analysis	PGM	1008
NSPU132B	Semiannual personal property report	PGM	1008

NSPUADM	Demand History Update	PGM	1008
NSPUARCR	Restore transactions	PGM	1008
NSPUDDAS	Delete discontinued assets	PGM	1008
NSPUDDCT	Delete discontinued catalog items	PGM	1008
NSPUEXT1	Create NPDMS interface	PGM	1008
NSPUEXT2	Create Excess Disposal Transactions	PGM	1008
NSPUFMIC	IFMP	PGM	1008
NSPUICAJ	Inventory Counts Asset Adjustment	PGM	1008
NSPUICBL	Build inventory lot	PGM	1008
NSPUINDEX	Move index to a new index	PGM	1008
NSPUINIT	System initialization (Batch)	PGM	1008
NSPURBAL	Update beginning year balances	PGM	1008
NSPURBRC	Year end balance - recovery	PGM	1008
NSPURDMD	Demand History Reversal	PGM	1008
NSSFRADJ	Reverse receipt via transaction adj	PGM	1008
NSSFRIPP	Reverse POST-POST issue	PGM	1008
NSSFRIPR	Reverse PRE-POST Issue	PGM	1008
NSSFRISB	Reverse blanket issue	PGM	1008
NSSFRISC	Reverse chemical issue	PGM	1008
NSSFRIST	Reverse OFF-SITE transfer	PGM	1008
NSSFRREV	Reverse receipt transaction	PGM	1008
NSSFRRWP	Receipt/Issue reversal transaction	PGM	1008
NSSFRTRV	Reverse TURN-IN transaction	PGM	1008
NSSPARCR	Restoration module selection	SUBP	1008
NSSPAUAH	Update asset activity history	SUBP	1008
NSSR3110	Generate DUE-INS	SUB	1008
NSSRAADO	Adjust DUE OUT quantity	SUB	1008
NSSRACD1	Delete process for asset records	SUB	1008
NSSRACD2	Trace Data	SUB	1008
NSSRADJ2	Display &/or input quality information	SUB	1008
NSSRADJ5	Display &/or input quality information	SUB	1008
NSSRASN	Add Multiple NSN Records	SUB	1008
NSSRAJST	DUE-IN/DUE-OUT adjustment records	SUB	1008
NSSRARCV	User Exit -- Site unique	SUB	1008
NSSRARDC	Performs the freeze code check	SUB	1008
NSSRARDD	Updates freeze transaction	SUB	1008
NSSRARDF	Release DUE OUTS for traceable asset	SUB	1008
NSSRARDO	Release Due-Out of balanced assets	SUB	1008
NSSRAT02	Display Trace Data	SUB	1008
NSSRAT51	Display Trace Data	SUB	1008
NSSRAT53	Display Trace Data	SUB	1008
NSSRATRV	Asset Traceable reversals	SUB	1008
NSSRBIN2	Display Trace Data	SUB	1008
NSSRBIN5	Display Trace Data	SUB	1008
NSSRBIN6	Reversal of Bin Quantity	SUB	1008
NSSRBINB	Issue or adjust reserve	SUB	1008
NSSRBINC	Consolidate Assets (trace)	SUB	1008
NSSRBJ01	Batch Job Detail Maintenance	SUB	1008
NSSRBJ03	Batch Job Output Type/Option	SUB	1008
NSSRBJ06	Batch Job Detail Maintenance	SUB	1008
NSSRBSC2	Batch Job Scheduler	SUB	1008
NSSRBSC2	Batch Job Scheduler	SUB	1008

NSSRBTSK	Batch Task Detail Maintenance	SUB	1008
NSSRCB52	Convert Trace code	SUB	1008
NSSRCBN2	Display Lot/Serial numbers	SUB	1008
NSSRCDEL	Delete catalog detail record	SUB	1008
NSSRCINH	Column Header Maintenance	SUB	1008
NSSRCONT	Consolidate Assets	SUB	1008
NSSRCONU	Consolidate Assets	SUB	1008
NSSRDCHI	Display catalog history options	SUB	1008
NSSRDIS1	IFMP- Create DIDFA txs	SUB	1008
NSSRDIS2	IFMP- Create DODRA txs	SUB	1008
NSSRDIS3	IFMP	SUB	1008
NSSRDNMS	Document number generate)	SUB	1008
NSSRDNUM	Document number generate	SUB	1008
NSSRFAMU	Warehouse Family	SUB	1008
NSSRFMDI	Fed/Mil order demand items	SUB	1008
NSSRFMRI	Fed/Mil return stock items	SUB	1008
NSSRFMSI	Fed/Mil order stock items	SUB	1008
NSSRFNUM	Document number generate	SUB	1008
NSSRFSUA	FedMil requisition status update	SUB	1008
NSSRICBC	Build inventory control record	SUB	1008
NSSRICFZ	Generate freeze transaction	SUB	1008
NSSRICT1	Process traceable counts	SUB	1008
NSSRICT2	Process traceable counts	SUB	1008
NSSRICT5	Process Traceable adjustments	SUB	1008
NSSRICTB	Inventory Counts	SUB	1008
NSSRIFIS	NSMS Issue SUB	SUB	1008
NSSRISPP	POST POST Issue	SUB	1008
NSSRISPR	Suspended PRE POST Issues	SUB	1008
NSSRISRI	Issue or adjust reserve	SUB	1008
NSSRISRQ	Customer Requisition	SUB	1008
NSSRISST	Suspend trans	SUB	1008
NSSRORTR	ORG/PRJ Traceable transfer	SUB	1008
NSSRPOET	POST ET Processing	SUB	1008
NSSRPRET	PRE ET Processing	SUB	1008
NSSRPRJA	Project id with related assets	SUB	1008
NSSRPROF	SUB for secured tasks	SUB	1008
NSSRRADJ	Transaction adjustment	SUB	1008
NSSRRADS	Transaction adjustments	SUB	1008
NSSRRDIS	Suspend Discrepant Receipts	SUB	1008
NSSRRISI	I&S Receipts	SUB	1008
NSSRRSHF	Capture Shelf-Life Data	SUB	1008
NSSRSELA	Part Number to NSN conversion	SUB	1008
NSSRTBSO	SYSOUT Card Parameters	SUB	1008
NXDLMGE2	Notice Print Process (BATCH)	LDA	1008
NXDLMGEN	Submit Batch Multi-Line PGM	LDA	1008
NXDLMLPT	Submit Batch Multi-Line PGM	LDA	1008
NSDLTTAD	Type-account description table	LDA	1026
NSMPTTAD	Type-account description table	MAP	1026
NSPTTTAD	Type-account description table	PGM	1026
NS001023	Adhoc – update IFM ind (AXCS)	PGM	1023
NS0102A	Adhoc –display IFM ind (AXCS)	PGM	1023
NS1017UP	Adhoc – update catalog size	PGM	1017

NSDL13B7	SemiAnnual Report (1324)	LDA	1018
NSDLCAPR	Change Catalog Detail	LDA	1023
NSDLCID2	Change Catalog Detail	LDA	1023
NSDLDFMI	DIRECT FED/MIL ORDER	LDA	1021
NSDLISPX	Create Issue Directive	LDA	1024
NSDLREAS	SemiAnnual Report (1324)	LDA	1018
NSDPISR2	Create Issue Directive	PARM	1024
NSMHIFMP	Online Help IFMP	MAP	1024
NSMPCAP1	Change Catalog Detail	MAP	1017
NSMPCID3	Change Catalog Detail	MAP	1017
NSMPIFMP	IFMP Accounting data	MAP	1022
NSPTCAPR	Change Catalog Detail	PGM	1017
NSPTCAS2	Catalog Scan (Prop.Data)	PGM	1017
NSPTCAS3	Catalog Scan (Prop.Data)	PGM	1017
NSPTCAS4	Catalog Scan (Prop.Data)	PGM	1017
NSPTREQR	Customer Requisition	PGM	1023
NSPUDLSC	DLSC Update	PGM	1016
NSPUIFOT	Outgoing to IFMP	PGM	1023
NSSR13B4	SemiAnnual Report (1324)	SUB	1022
NSSR13B5	SemiAnnual Report (1324)	SUB	1018
NSSRCID2	Change Catalog Detail	SUB	1017
NSSRCID3	Change Catalog Detail	SUB	1017
NSSRIFMC	Preset Window for IFMP	SUB	1022
NSSRIFMX	IFMP – Accounting Data	SUB	1022

#### Deleted Modules

NSPTTIFM  
NFSRDNUM  
NSDLTIFM

### 3.0 Pre-Predict Data Conversion

All NSMS core files should be made to exactly match the core PREDICT layout for release 7.1.0.

### 4.0 Install Predict

#### 4.1 Data Dictionary Changes

This release will include the new enhancements for Version 8.0.0. Details for changes in this release can be found under Section 4.1.3 Physical File Changes or by performing Predict reporting on the keyword NSMS-8.0.0.

Use SYSDICBE to load the PREDICT modifications from the dataset:  
xxMOV.NSMS.PROD.R800.R0703.PRD.

The following NSMS DDMs should be generated after the PREDICT load is completed:

NS-ASSET  
NS-ASSET-TRACEABLE  
NS-BATCH-CNTL  
NS-BATCH-JOB  
NS-BATCH-TASK  
NS-CATALOG  
NS-CATALOG-HISTORY  
NS-CATALOG-INDEX  
NS-EDI-TRANSACTION  
NS-EXEC-JCL  
NS-INVENTORY  
NS-INVENTORY-CONTROL  
NS-INVENTORY-TRACE  
NS-JOB-JCL  
NS-JOB-QUE  
NS-MISC-JCL  
NS-SECURITY  
NS-SHELF-LIFE  
NS-SYSOUT-JCL  
NS-TABLES  
NS-TRANSACTION  
NS-TRANSACTION--ADJUSTMENT  
NS-TRANSACTION--ASSET-DELETE  
NS-TRANSACTION--ASSET-FREEZE  
NS-TRANSACTION--CONSOLIDATION  
NS-TRANSACTION--DI-DO-JIT  
NS-TRANSACTION--DISPOSAL  
NS-TRANSACTION--DUE-IN-COM  
NS-TRANSACTION--DUE-IN-COM-ADJ  
NS-TRANSACTION--DUE-IN-FED  
NS-TRANSACTION--DUE-IN-FED-ADJ  
NS-TRANSACTION--DUE-OUT  
NS-TRANSACTION--DUE-OUT-ADJUST  
NS-TRANSACTION--ISSUE-BLANKET  
NS-TRANSACTION--ISSUE-CHEMICAL  
NS-TRANSACTION--ISSUE-DO-RLSE  
NS-TRANSACTION--ISSUE-OTC  
NS-TRANSACTION--ISSUE-POST-POST  
NS-TRANSACTION--ISSUE-PRE-POST  
NS-TRANSACTION--ISSUE-TRANSFER  
NS-TRANSACTION--RECEIPT

NS-TRANSACTION--RETURN-FED  
NS-TRANSACTION--REVERSAL  
NS-TRANSACTION--STOCK-NUMBER-CH  
NS-TRANSACTION--TRACKING  
NS-TRANSACTION--TRANSFER  
NS-TRANSACTION--TURN-IN  
NS-TRANSACTION--UOI-CHANGE  
NS-TRANSACTION--WAREHOUSE-DENIAL

\*\*\* NOTE \*\*\*

In Natural Security, add an UPDATE file link between the NS-TRANSACTION--ISSUE-OTC view and the core NSMS library.

**4.1.1 Inventory of Objects**

The object types and inventory listed below represent a comprehensive count of the Predict object modules for this release.

**PREDICT Objects by Type:**

Keyword	-	1
Standard/Help files	-	2
ADABAS Files and Views	-	63

**4.1.2 Storage Considerations**

Not applicable with this release.

**4.1.3 Physical File Changes**

Add the following fields:

NS-ASSET-FILE		File #	172						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	INST-ACCT	A	2.0					CD
	1	MS-BIN-TICKET-REPRINT-QUANTITY	N	7.0					SA N
	1	MS-EXCESS-REVIEW-IND	A	1.0					SB N
	1	MS-LAST-PRICE	N	9.2					SC N
MC	1	MS-PRICE-FISCAL-MONTH-END	N	9.2	12				SD
	1	MS-REORDER-LEVEL	N	7.0					SE N
	1	MS-REORDER-NOTIFICATION-POINT	N	7.0					SF N
	1	MS-REORDER-PERIOD-BEGIN	N	4.0					SG N

1	MS-REORDER-PERIOD-END	N	4.0	SH	N
1	MS-REORDER-STANDBY-ISSUE	A	1.0	SI	N
1	MS-REORDER-ANNEX-FLAG	A	1.0	SJ	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=172
ADADBS FNDEF='01,CD,2,A'
ADADBS FNDEF='01,SA,7,U,NU'
ADADBS FNDEF='01,SB,1,A,NU'
ADADBS FNDEF='01,SC,11,U,NU'
ADADBS FNDEF='01,SD,11,U,MU'
ADADBS FNDEF='01,SE,7,U,NU'
ADADBS FNDEF='01,SF,7,U,NU'
ADADBS FNDEF='01,SG,4,U,NU'
ADADBS FNDEF='01,SH,4,U,NU'
ADADBS FNDEF='01,SI,1,A,NU'
ADADBS FNDEF='01,SJ,1,A,NU'
/*
```

Invert the following Superdescriptors:

NS-ASSET-FILE		File #	172						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SP	1	MS-DOM-REVIEW-NSO	A	19.0		D		UB	N
SP	1	JS-DOM-SO-NSN	A	18.0		D		UC	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=172
ADAINV TEMPSIZE=???,SORTSIZE=???'
ADAINV SUPDE='UB=BJ(1,2),SB(1,1),BJ(3,18)'
ADAINV SUPDE='UC=BJ(1,2),BJ(16,18),BJ(3,15)'
/*
```

Add the following field:

NS-ASSET-TRACEABLE-FILE		File #	173						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
	1	INST-ACCT	A	2.0				AU	

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=173
ADADBS FNDEF='01,AU,2,A'
/*
```

Add the following field:

NS-BATCH-CNTL-FILE		File #	183			
Ty	L	Field ID	F	Length	Occ	D U DB S
*-	-	-----	*-	-----	-----	* * -- *
1		INST-ACCT	A	2.0		BG

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=183
ADADBS FNDEF='01,BG,2,A'
/*
```

Invert the following Superdescriptor:

NS-BATCH-CNTL-FILE		File #	183			
Ty	L	Field ID	F	Length	Occ	D U DB S
*-	-	-----	*-	-----	-----	* * -- *
SP 1		JS-DOM-USER-DATE-TIME	A	25.0		D UA N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=183
ADAINV TEMPSIZE=???,SORTSIZE=???,
ADAINV SUPDE='UA=AB(1,2),A4(1,8),AL(1,8),AM(1,7)'
/*
```

Add the following fields:

NS-CATALOG		File #	174			
Ty	L	Field ID	F	Length	Occ	D U DB S
*-	-	-----	*-	-----	-----	* * -- *
1		INST-ACCT	A	2.0		CH
1		JS-CRAFT-CODE	A	1.0		SA N
1		JS-RECYCLE-CODE	A	1.0		SB N
MC 1		JS-SUBSTITUTE-EVAL	A	75.0		SC N

1	LE-PRE-CONSUMER-PERCENT	N	3.0	SD	N
1	LE-POST-CONSUMER-PERCENT	N	3.0	SE	N
1	LE-RECYCLE-MATERIAL	A	1.0	SF	N
1	LE-RECYCLE-PERCENT	N	3.0	SG	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=194
ADADBS FNDEF='01,CH,2,A'
ADADBS FNDEF='01,SA,1,A,NU'
ADADBS FNDEF='01,SB,1,A,NU'
ADADBS FNDEF='01,SC,75,A,NU,MU'
ADADBS FNDEF='01,SD,3,U,NU'
ADADBS FNDEF='01,SE,3,U,NU'
ADADBS FNDEF='01,SF,1,A,NU'
ADADBS FNDEF='01,SG,3,U,NU'
/*
```

Invert the following Superdescriptor:

NS-CATALOG		File #	174						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
SP	1	JS-PART-NUMBER-NSN	A	45.0		D		UA	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=174
ADAINV TEMPSIZE=???,SORTSIZE=???'
ADAINV SUPDE='UA=AN(1,32),AT(1,13)'
/*
```

Add the following field:

NS-CATALOG-HISTORY-FILE		File #	175						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*-	-	-----	*-	-----	-----	*	*	--	*
	1	INST-ACCT	A	2.0				AQ	

Using the following commands:

```
//DDKARTE DD *
```

```
ADADBS NEWFIELD FILE=175  
ADADBS FNDEF='01,AQ,2,A'  
/*
```

Add the following field:

```
NS-CATALOG-INDEX-FILE           File # 176  
  Ty L Field ID                  F Length  Occ  D U DB S  
*- - -----*-----*-----* * * -- *  
  1 INST-ACCT                    A    2.0          AJ
```

Using the following commands:

```
//DDKARTE DD *  
ADADBS NEWFIELD FILE=176  
ADADBS FNDEF='01,AJ,2,A'  
/*
```

Add the following field:

```
NS-EDI-TRANSACTION-FILE         File # 87  
  Ty L Field ID                  F Length  Occ  D U DB S  
*- - -----*-----*-----* * * -- *  
  1 INST-ACCT                    A    2.0          AV
```

Using the following commands:

```
//DDKARTE DD *  
ADADBS NEWFIELD FILE=87  
ADADBS FNDEF='01,AV,2,A'  
/*
```

Add the following field:

```
NS-INVENTORY-CONTROL-FILE      File # 178  
  Ty L Field ID                  F Length  Occ  D U DB S  
*- - -----*-----*-----* * * -- *  
  1 INST-ACCT                    A    2.0          AR
```

Using the following commands:

```
//DDKARTE DD *  
ADADBS NEWFIELD FILE=178  
ADADBS FNDEF='01,AR,2,A'
```

/\*

Add the following field:

NS-INVENTORY-FILE	File # 177							
Ty L Field ID	F	Length	Occ	D	U	DB	S	
* - - - - -	* -	-----	-----	* *	--	*	*	
1 INST-ACCT	A	2.0				AU		

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=177
ADADBS FNDEF='01,AU,2,A'
/*
```

Add the following field:

NS-INVENTORY-TRACE-FILE	File # 88							
Ty L Field ID	F	Length	Occ	D	U	DB	S	
* - - - - -	* -	-----	-----	* *	--	*	*	
1 INST-ACCT	A	2.0				AM		

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=88
ADADBS FNDEF='01,AM,2,A'
/*
```

Add the following fields:

NS-SECURITY-FILE	File # 179							
Ty L Field ID	F	Length	Occ	D	U	DB	S	
* - - - - -	* -	-----	-----	* *	--	*	*	
1 INST-ACCT	A	2.0				BG		
1 MS-STORE-STOCK-AUTHORIZATION	A	1.0				SA	N	
1 MS-CUSTOMER-RESTRICTED	A	1.0				SB	N	
MC 1 MS-TBL-CDE	A	3.0	30			SC	N	

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=179
```

```
ADADBS FNDEF='01,BG,2,A'
ADADBS FNDEF='01,SA,1,A,NU'
ADADBS FNDEF='01,SB,1,A,NU'
ADADBS FNDEF='01,SC,3,A,NU,MU'
/*
```

Add the following field:

NS-SHELF-LIFE-FILE		File #	180						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	INST-ACCT	A	2.0				AG	

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=180
ADADBS FNDEF='01,AG,2,A'
/*
```

Add the following fields:

NS-TABLES-FILE		File #	181						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	INST-ACCT	A	2.0				GU	
	1	MS-APPROPRIATION-DATA	A	9.0				SA	N
MC	1	MS-CONTROLLED-NOTES	A	66.0	10			SB	N
	1	MS-CURRENT-FISCAL-MONTH	N	2.0				SC	N
MC	1	MS-DATE-FISCAL-MONTH-END	N	8.0	12			SD	
	1	MS-DEPT-CODE	A	8.0				SE	N
	1	MS-MARK-FOR	A	16.0				SF	N
MC	1	MS-PO-HEADER-FOOTER-INFO	A	55.0	4			SG	
	1	MS-PO-NUMBER	A	10.0				SH	N
	1	MS-PR-BUILDING	A	4.0				SI	N
MC	1	MS-RATED-ORDER-NOTES	A	66.0	10			SJ	N
MC	1	MS-SELLER-CERTIFIES-NOTES	A	66.0	10			SK	N
MC	1	MS-SHELF-LIFE-NOTES	A	66.0	10			SL	N
MC	1	MS-SMALL-BUSINESS-NOTES	A	66.0	10			SM	N
	1	MS-SOURCE-DOCUMENT-NUMBER	A	15.0				SN	N
	1	LE-PJO	A	5.0			D	SO	N
	1	LE-ACCTG-CHARGE	A	7.0			D	SP	N
	1	MS-PROGRAM-NAME	A	50.0				SQ	N
MC	1	MS-PROGRAM-OWNRSHIP	A	2.0	50			SR	N
	1	MS-PRE-ET-FUNDS-CHECK	A	1.0				SS	N

Using the following commands:

```
//DDKARTE DD *
ADADBS NEWFIELD FILE=181
ADADBS FNDEF='01,GU,2,A'
ADADBS FNDEF='01,SA,9,A,NU'
ADADBS FNDEF='01,SB,66,A,NU,MU'
ADADBS FNDEF='01,SC,2,U,NU'
ADADBS FNDEF='01,SD,8,U,MU'
ADADBS FNDEF='01,SE,8,A,NU'
ADADBS FNDEF='01,SF,16,A,NU'
ADADBS FNDEF='01,SG,55,A,MU'
ADADBS FNDEF='01,SH,10,A,NU'
ADADBS FNDEF='01,SI,4,A,NU'
ADADBS FNDEF='01,SJ,66,A,NU,MU'
ADADBS FNDEF='01,SK,66,A,NU,MU'
ADADBS FNDEF='01,SL,66,A,NU,MU'
ADADBS FNDEF='01,SM,66,A,NU,MU'
ADADBS FNDEF='01,SN,15,A,NU'
ADADBS FNDEF='01,SO,5,A,DE,NU'
ADADBS FNDEF='01,SP,7,A,DE,NU'
ADADBS FNDEF='01,SQ,50,A,NU'
ADADBS FNDEF='01,SR,2,A,NU,MU'
ADADBS FNDEF='01,SS,1,A,NU'
/*
```

Invert the following Superdescriptor:

NS-TABLES-FILE		File #	181						
Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
SP	1	MS-DOM-PROGRAM-NAME	A	52.0		D		UA	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=181
ADAINV TEMPSIZE=???,SORTSIZE=???'
ADAINV SUPDE='UA=A8(1,2),SQ(1,50)'
/*
```

Invert the following field:

NS-TABLES-FILE	File #	181

Ty	L	Field ID	F	Length	Occ	D	U	DB	S
*	-	-----	*	-----	-----	*	*	--	*
	1	APPROVED-NAME	A	50.0		D		BT	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=181
ADAINV TEMPSIZE=???,SORTSIZE=???,
ADAINV FIELD='BT'
/*
```

Add the following fields:

NS-TRANSACTION-FILE		File #	182							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S	
*	-	-----	*	-----	-----	*	*	--	*	
	1	INST-ACCT	A	2.0				HN		
	1	SC-SITE-MISC	A	20.0				SA	N	
	1	LE-ACCTG-DATE	A	8.0		D		SC	N	
	1	LE-PICTIC-DATE	A	8.0		D		SD	N	
	1	LE-MRO-BATCH-NUM	N	2.0		D		SE	N	
	1	MS-PO-PART-NUMBER	A	32.0				SF	N	
	1	MS-SUPPLY-REP	A	8.0		D		SG	N	
	1	JS-PRINT-FLAG	A	1.0				SH	F	

Using the following commands:

```
//DDKARTE DD *
ADADBS FNDEF='01,HN,2,A'
ADADBS FNDEF='01,SA,20,A,NU'
ADADBS FNDEF='01,SC,8,A,DE,NU'
ADADBS FNDEF='01,SD,8,A,DE,NU'
ADADBS FNDEF='01,SE,2,U,DE,NU'
ADADBS FNDEF='01,SF,32,A,NU'
ADADBS FNDEF='01,SG,8,A,DE,NU'
ADADBS FNDEF='01,SH,1,A,FI' /*
```

Invert the following Superdescriptor:

NS-TRANSACTION-FILE		File #	182							
Ty	L	Field ID	F	Length	Occ	D	U	DB	S	
*	-	-----	*	-----	-----	*	*	--	*	
SP	1	LE-DOC-DOMAIN	A	17.0		D		UA	N	
SP	1	LE-TRAN-DOMAIN	A	7.0		D		UB	N	
SP	1	D-FISC-DATE-TYPE	A	11.0		D		UC	N	

SP 1	JS-DOM-PO-NUMBER	A	12.0	D	UJ	N
SP 1	JS-DOM-DOCUMENT	A	17.0	D	UK	N
SP 1	JS-DOM-TYPE-DOCDATE-PRINT	A	16.0	D	UL	N
SP 1	JS-DOM-DOCDATE-TYPE-PRINT	A	16.0	D	UM	N
SP 1	JS-DOM-TYPE-NSO-DOC-OQTY	A	45.0	D	UN	N
SP 1	JS-DOM-TYPE-NSO-DOCUMENT	A	38.0	D	UO	N
SP 1	MS-DOM-FSG-TYPE-DOC-NUMBER	A	24.0	D	UP	N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=182
ADAINV TEMPSIZE=???,SORTSIZE=???'
ADAINV SUPDE='UA=AK(1,15),BP(1,2)'
ADAINV SUPDE='UB=A2(1,5),BP(1,2)'
ADAINV SUPDE='UC=SA(11,16),A2(1,5)'
ADAINV SUPDE='UJ=BP(1,2),AJ(1,10)'
ADAINV SUPDE='UK=BP(1,2),AK(1,15)'
ADAINV SUPDE='UL=BP(1,2),A2(1,5),AK(1,8),SH(1,1)'
ADAINV SUPDE='UM=BP(1,2),AK(1,8),A2(1,5),SH(1,1)'
ADAINV SUPDE='UN=BP(1,2),A2(1,5),BP(3,18),AK(1,15),AA(1,7)'
ADAINV SUPDE='UO=BP(1,2),A2(1,5),BP(3,18),AK(1,15)'
ADAINV SUPDE='UP=BP(1,4),A2(1,5),AK(1,15)'
/*
```

Invert the following field:

NS-TRANSACTION-FILE		File # 182						
Ty	L	Field ID	F	Length	Occ	D	U	DB S
*	-	-----	*	-----	-----	*	*	-- *
	1	TRANSACTION-TYPE	A	5.0		D		A2 N

Using the following commands:

```
//DDKARTE DD *
ADAINV INVERT FILE=182
ADAINV TEMPSIZE=???,SORTSIZE=???'
ADAINV FIELD='A2'
/*
```

## **5.0 Catalog Source Code**

Run a batch job to catalog (CATALL) all modules in the NSMS or other named library. **IT IS NECESSARY** to catalog the Global Data Area. The NASA Batch standard parameters should be used for the compile.

After all objects are compiled, the NSMS application will run under the NASA On-line standard parameters.

## **6.0 Post-Predict Data Conversion**

Not applicable with this release.

## **7.0 Load Natural Error Messages**

Not applicable with this release.

## **8.0 Perform Release-Specific Procedures**

Not applicable with this release.

## **9.0 Local JCL Mods**

Not applicable with this release.

## **10.0 Installation Checklist**

- 1.0 Backup Existing Data
- 2.1 Load Source Code
- 4.0 Install Predict
- 5.0 Catalog Source Code